

METHOD FOR MANUFACTURING LUSTROUS RUBBER

BACKGROUND OF THE INVENTION

Field of the Invention

The present invention relates to a method for manufacturing
5 lustrous rubber, and more particularly to a method including 7 steps
which are used to vulcanize and extrude the raw rubber of different
colors, through which a product of lustrous rubber with predetermined
figures can be obtained.

Description of the Prior Arts

10 With the development of science, rubber-molding technology
has become one of the most important technologies in current high-tech
industry. However, due to the methods and steps of rubber molding are
different, how to manufacture competitive rubber product is what the
producers concern most, and also this is the motivation of the inventor of
15 the present invention.

The present invention has arisen to mitigate and/or obviate the
afore-described disadvantages of the conventional method for
manufacturing rubber.

SUMMARY OF THE INVENTION

20 The primary object of the present invention is to provide a
method for manufacturing lustrous rubber, which includes 7 steps, and
which includes the Step 2: add 1-100g pearl pigment to each 1kg rubber;
the Step 3: mix the above combination; and the Step 4: cool the above

mixture for 2 hours; these 3 steps of step 2, 3 and 4 can be used to manufacture lustrous rubber.

Another object of the present invention is able to provide a method for manufacturing lustrous rubber with desired figures, which includes Step 1: choose rubber of different colors; Step 5: cut the above mixture into grains; and Step 6: vulcanize and extrude the above grains for 4 minutes 30 seconds to 5 minutes 30 seconds; these 3 steps of step 1, 5 and 6 can be used to manufacture lustrous rubber with desired figures.

The present invention will become more obvious from the following description when taken in connection with the accompanying drawings, which shows, for purpose of illustrations only, the preferred embodiment in accordance with the present invention.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a flow chart for illustrating a method of manufacturing lustrous rubber in accordance with one aspect of the present invention;

Fig. 2 is an illustrative view for showing the step of adding rubber to pearl pigment;

Fig. 3 is an illustrative view for showing the step of cutting the rubber into grains;

Fig. 4 is an illustrative view for showing the step for vulcanizing and extruding the rubber grains;

Fig. 5 is an illustrative view for showing the final product of lustrous rubber.

DETAILED DESCRIPTION OF THE PREFERRED

EMBODIMENT

Referring to Fig. 1, which is a flow chart for illustrating a method of manufacturing lustrous rubber in accordance with one aspect of the present invention, wherein the method of manufacturing lustrous rubber includes the following steps:

A manufacturing method of lustrous rubber includes:

Step 1: choose rubber of different colors;

Step 2: add 1-100g pearl pigment to each 1kg rubber;

10 Step 3: mix the above combination;

Step 4: cool the above mixture for 2 hours;

Step 5: cut the above mixture into grains;

Step 6: vulcanize and extrude the above grains for 4 minutes 30 seconds to 5 minutes 30 seconds;

15 Step 7: the lustrous rubber is finished.

Referring further to Figs. 2-5, which are illustrative views for showing the steps of manufacturing the lustrous rubber:

Step 1: choose rubber of different colors: choose rubber (10) of different colors on the basis of predetermined figures (using the rubber 20 10 of two different colors as an example in this embodiment);

Step 2: add 1-100g pearl pigment to each 1kg rubber: as shown in Fig. 2, add the pearl pigment 11 respectively to the rubber 10 of different colors, and the rate for adding the pearl pigment is: 2g pearl

pigment 11 per 1kg rubber 10;

Step 3: mix the pearl pigment with the rubber: respectively mix the rubber 10 of different colors evenly with the pearl pigment 11, such that the pearl pigment 11 is evenly distributed in the rubber 10;

5 Step 4: cool the above mixture for 2 hours: cool the mixture of the rubber 10 and the pearl pigment 11 for 2 hours;

Step 5: cut the above mixture into grains: as shown in Fig. 3, cut the above mixture into desire-sized grains 101, 102 of two colors;

Step 6: vulcanize and extrude the above grains for 4 minutes 30
10 seconds to 5 minutes 30 seconds: as shown in Fig. 4, combine the grains of two different colors 101, 102 together, and then vulcanize and extrude the combination of the grains 101, 102 with a machine 20 for 4 minutes 30 seconds to 5 minutes 30 seconds;

Step 7: the lustrous rubber is finished: as shown in Fig. 5, after
15 the step of vulcanization and extrusion, lustrous rubber 30 is obtained.

It will be noted that the producer can choose the rubber 10 of different colors according to predetermined figures. If the predetermined figures are marble grain, the colors will be black and white (with reference to Fig. 5), and if the predetermined figures are camouflage
20 pattern, then the colors of the rubber 10 can be black, green and yellow. The products of colorful lustrous rubber 30 with different figures will be more competitive and has greater applicability comparing to conventional rubber products.

While we have shown and described various embodiments in accordance with the present invention, it should be clear to those skilled in the art that further embodiments may be made without departing from the scope of the present invention.